

Engine

C-MAX RPS Tier 3 (2008- ) - RS24 - 110

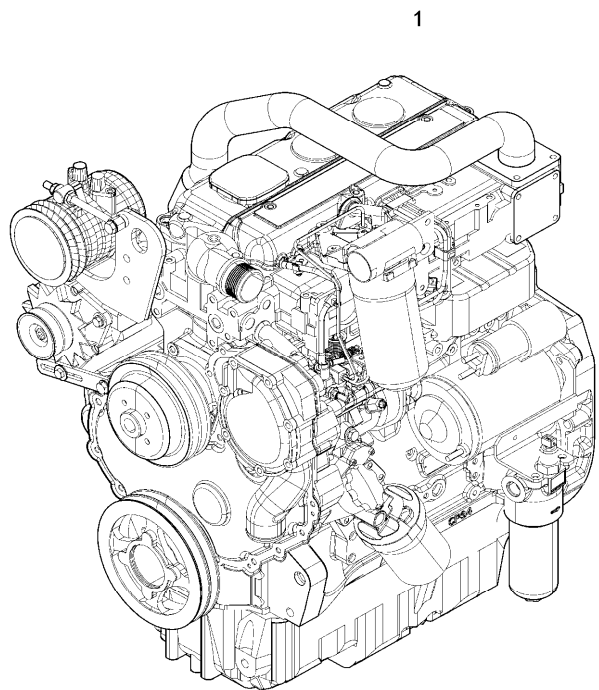
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A-05  
01



A0501

Engine assembly



Inglese

1	4216958M91	"perkins nm75228 kw	1	Engine
		A		
1	6510952M91	"perkins nm51681 kw	1	Engine
		B		
1	6512103M91	"perkins nm81890 kw	1	Engine
		C		
		D		
1	6512334M91	"perkins nm70857 kw	1	Engine
		C		
		E		

- A Tier 3
- B Tier 3b
- C Flexibility engine
- D Cee
- E Nao

Engine

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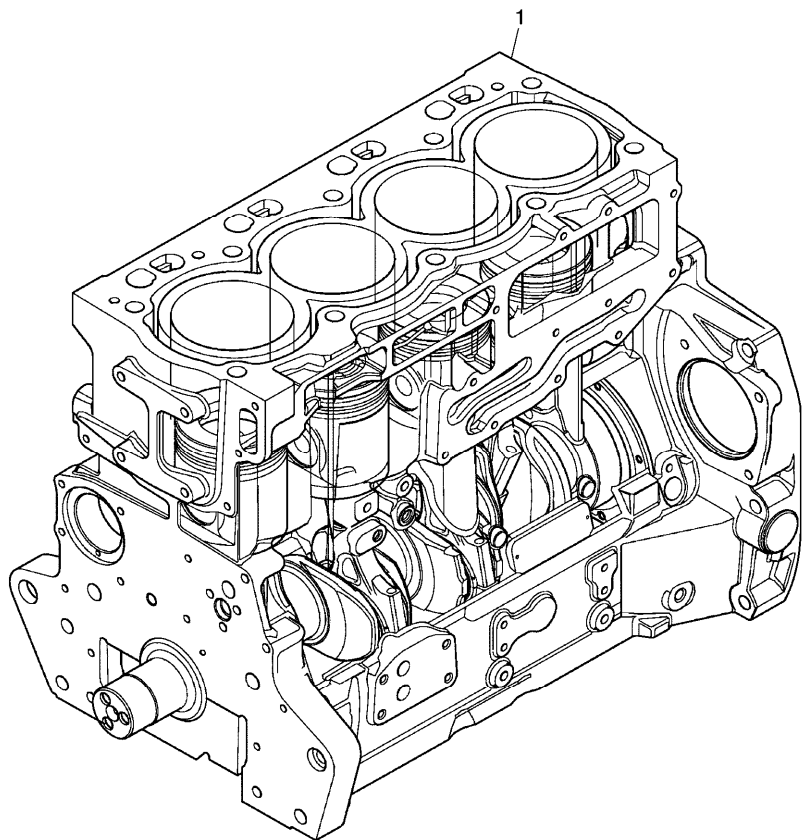
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A-05  
02



A0502

Short engine



Inglese

- |   |         |  |                                  |   |              |
|---|---------|--|----------------------------------|---|--------------|
| 1 | NM40008 |  | U056074 t                        | 1 | Short engine |
|   |         |  | 3115A141(1),<br>32186146(3), NM4 |   |              |
| 1 | NM40019 |  | U056075 t                        | 1 | Short engine |

- From serial or engine number
- Up to serial or engine number
- Replacement

Engine

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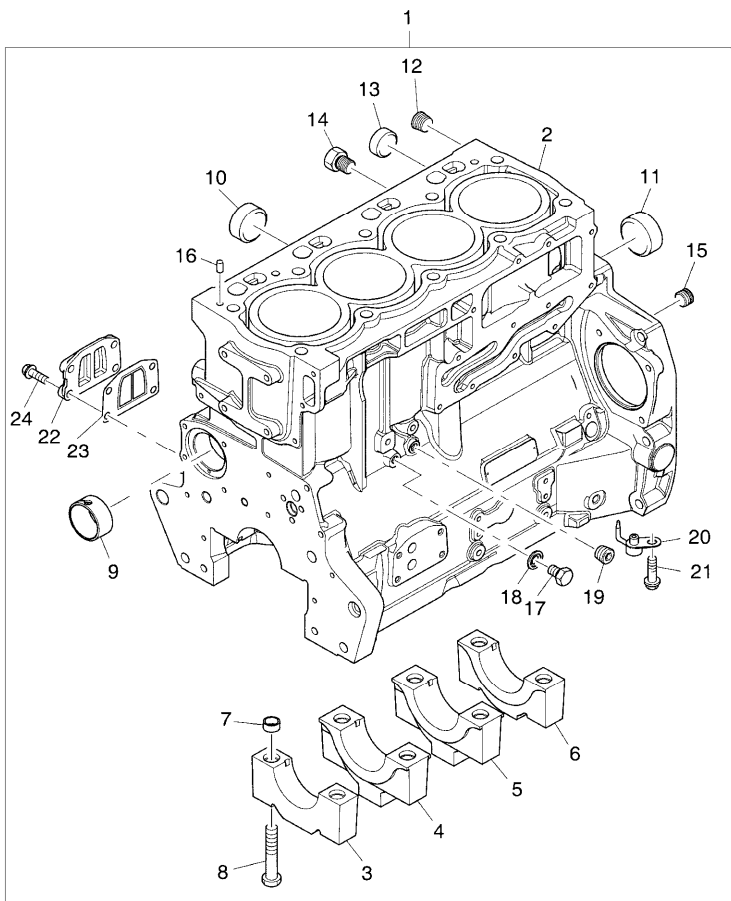
**A-05  
03**



A0503

Cylinder block

RS24\000015072.png



		Inglese
1	ZZ50321	● ZZ50325(1) 1 Block
2		! 1 1 Cylinder block
3		➡ Ref.n.1 1 Bearing
4		! 1 2 Bearing
5		➡ Ref.n.1 1 Bearing
6		! 1 1 Bearing
7	33142111	! 1 10 Manicott
8	32166329	! 1 10 Screw
9	3112D071	! 1 1 Bush
10	3241A011	● 3112D075(1) 2 Plug
11	3241A012	! 1 1 Plug
12	0650588	! 1 1 Plug
13	0650710	! 1 1 Plug
14	32141316	! 1 1 Plug
15	3212P008	! 1 1 Plug
16	3244A009	! 1 2 Dowel
17	2314C049	! 1 1 Screw
18	2415D053	! 1 1 Washer
19	0650594	! 1 1 Plug

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Engine

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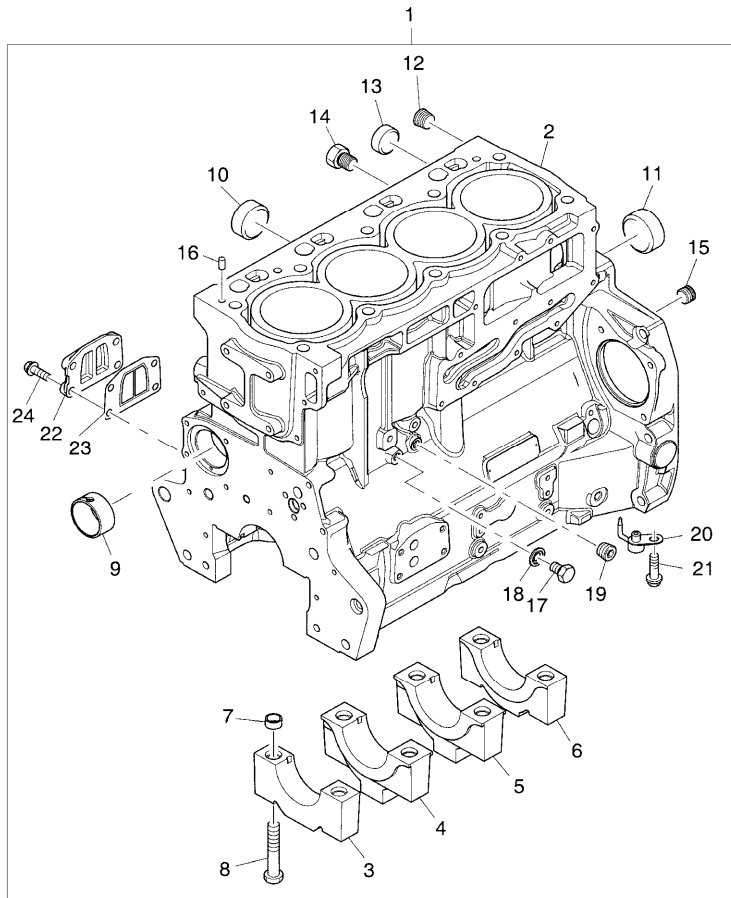
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A-05  
03



A0503

Cylinder block



- 20 2113A003 ! 1
- 21 2314F001 ! 1
- 22 3753A071 ! 1
- 23 3688A041 ! 1
- 24 2314H034 ! 1

Inglese

- 4 Atomiser
- 4 Screw
- 1 Coperch.
- 1 Ring
- 4 Screw

! This is a component of an assembly

▣ Not serviced, order

● Replacement

Engine

C-MAX RPS Tier 3 (2008- ) - RS24 - 110

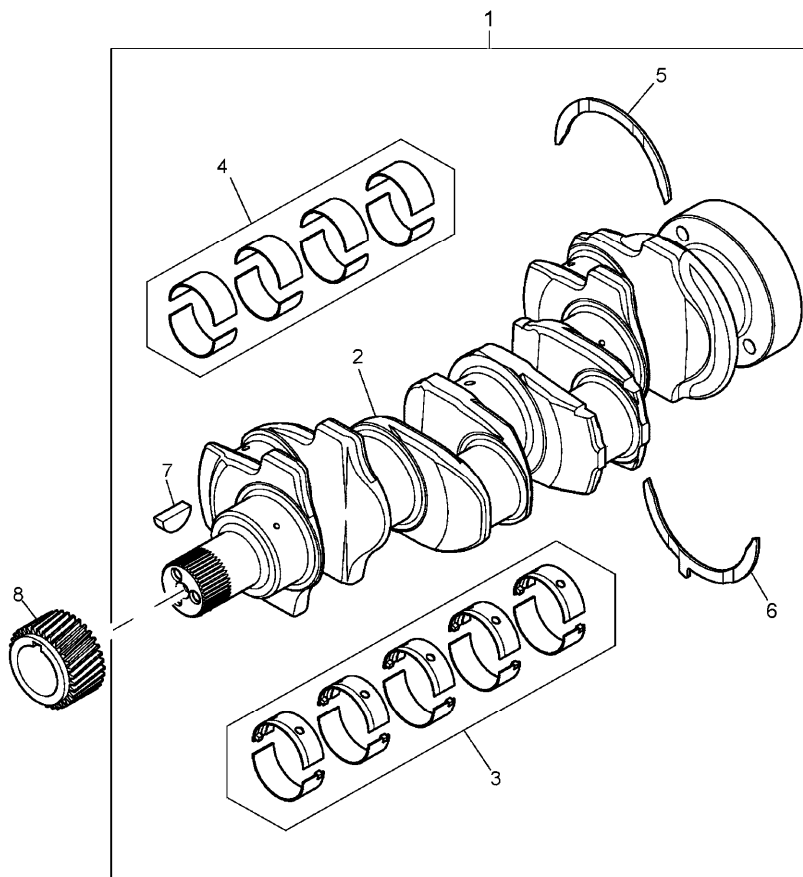
A-05  
04



A0504

Camshaft

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		Inglese	
1	ZZ90222	➔ U056074 t	1 Kit
		● ZZ90239(1)	
1	ZZ90237	➔ U056075 t	1 Shaft
2		! 1	1 Shaft
		➔ Ref.n.1	
3	U5MB0018	! 1	1 Kit
		➔ U056074 t	
		● U5MB0033(1)	
		T-A 15:0	
3	U5MB0018A	! 1	1 Kit
		⚡ 0.010"	
		➔ U056074 t	
		● U5MB0033A(1)	
		T-A 15:0	
3	U5MB0018B	! 1	1 Kit
		⚡ 0.020"	
		➔ U056074 t	
		● U5MB0033B(1)	
		T-A 15:0	
3	U5MB0018C	! 1	1 Kit
		⚡ 0.030"	
		➔ U056074 t	
		● N.L.A.(1)	
		T-A 15:0	
3	U5MB0033	! 1	1 Kit
		➔ U056075 t	

Engine

C-MAX RPS Tier 3 (2008- ) - RS24 - 110

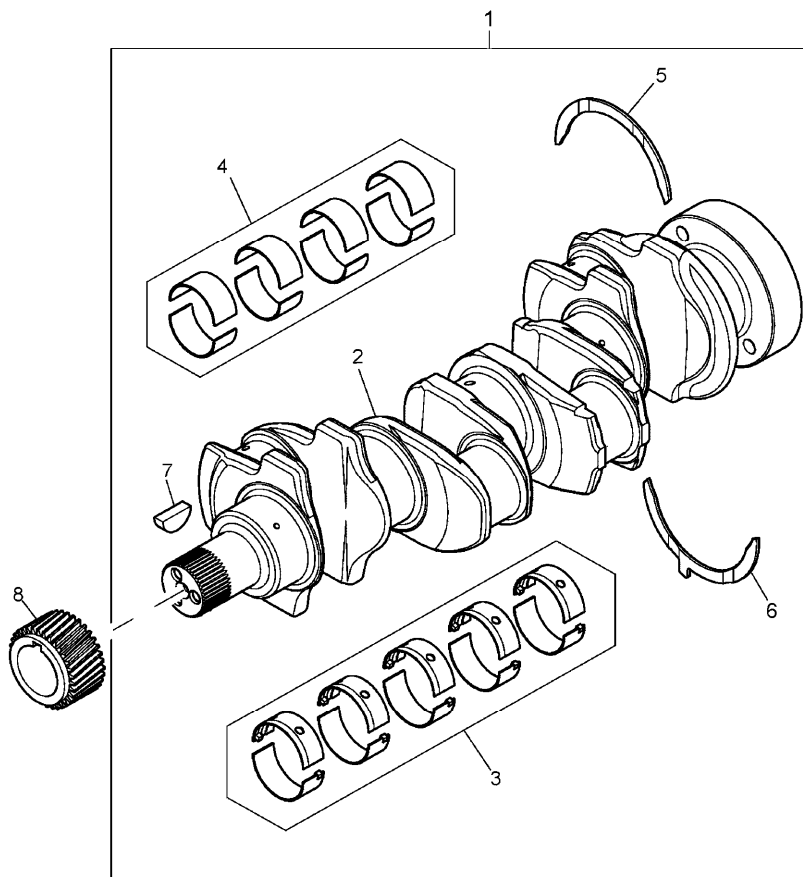
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A-05  
04



A0504

Camshaft



Inglese

3	U5MB0033A	!	1	1 Kit
		⚡	-0,25mm	
		➔	U056075 t	
3	U5MB0033B	!	1	1 Kit
		⚡	-0,50mm	
		➔	U056075 t	
3	U5MB0033C	!	1	1 Kit
		⚡	-0,75mm	
		➔	U056075 t	
		●	N.L.A.(1)	
4	T400002	!	1	1 Kit
		➔	U056075 t	
		●	T410927(1)	
4	U5ME0026	!	1	1 Kit
		➔	U056074 t	
		●	U5ME0034(1)	
4	U5ME0026A	!	1	1 Kit
		⚡	0.25mm	
		➔	U056074 t	
		●	U5ME0034A(1)	
4	U5ME0026B	!	1	1 Kit
		⚡	0.50mm	
		➔	U056074 t	
		●	U5ME0034B(1)	

Engine

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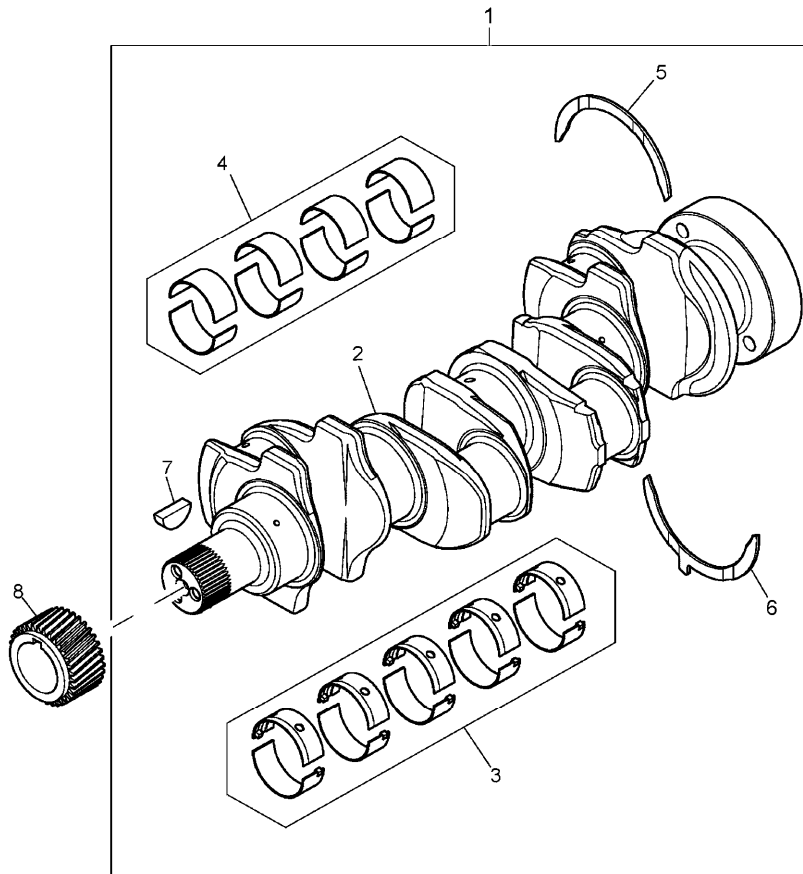
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A-05  
04



A0504

Camshaft



		Inglese	
4	U5ME0026C	! 1	1 Kit
		✂ 0.75mm	
		➔ U056074 t	
		● U5ME0034C(1)	
5	31137312	! 1	2 Ring
		✂ 0.007"	
		T-A 15:0	
5	31137551	! 1	2 Washer
		T-A 15:0	
6	31137322	! 1	2 Ring
		✂ 0.007"	
		T-A 15:0	
6	31137561	! 1	2 Washer
		T-A 15:0	
7	0500012	! 1	1 Key
		T-A 10:0	
8	3117C221	T-A 10:0	1 Gear
!	This is a component of an assembly		
➔	From serial or engine number		
➔	Up to serial or engine number		
🛠	Not serviced, order		
✂	Shim		
●	Replacement		
T-A	Replacement		

Engine

C-MAX RPS Tier 3 (2008- ) - RS24 - 110

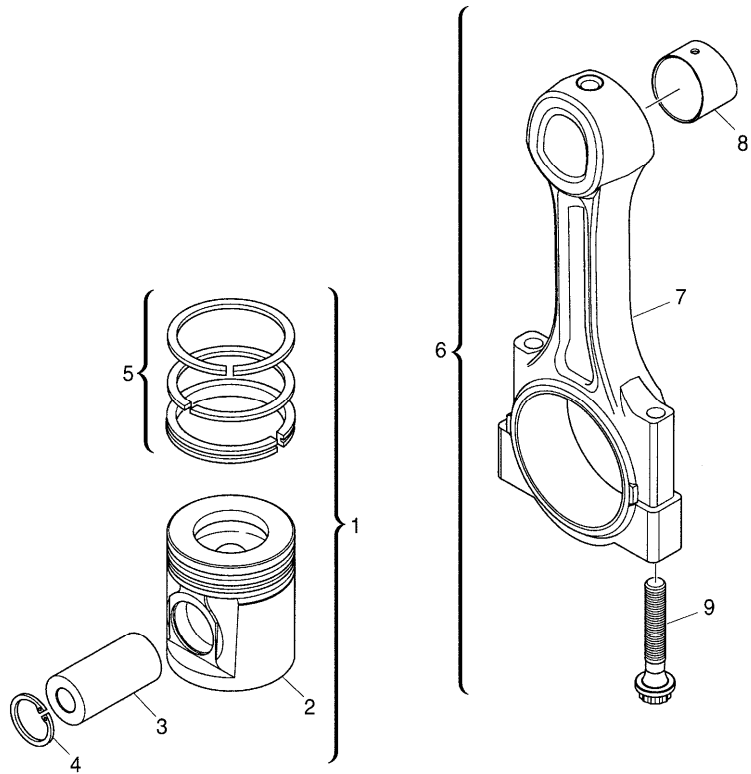
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**A-05  
05**



A0505

Pistons and connecting rods



		Inglese
1	U5PR0063	4 Kit
2	! 1	1 Piston
	➡ Ref.n.1	
3	! 1	1 Pin
	➡ Ref.n.1	
4	2721332 ! 1	2 Ring
5	UPRK0003 ! 1	1 Kit
	(X) 0.2.5.	
	T-A 11:25	
6	4115C311 ➡ U056074 t	4 Kit
	A	
	T-A 14:0	
6	4115C312 ➡ U056074 t	4 Kit
	B	
	T-A 14:0	
6	4115C313 ➡ U056074 t	4 Kit
	C	
	T-A 14:0	
6	4115C314 ➡ U056074 t	4 Kit
	D	
	T-A 14:0	
6	4115C315 ➡ U056074 t	4 Kit
	E	
	T-A 14:0	

Engine

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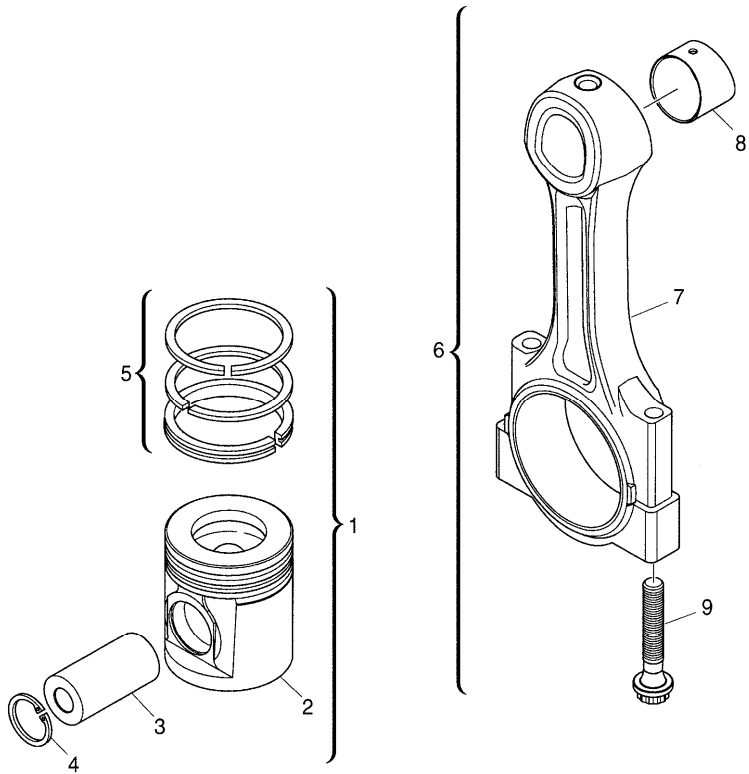
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A-05  
05



A0505

Pistons and connecting rods



		Inglese	
6	4115C316	➡ U056074 t F T-A 14:0	4 Kit
6	4115C361	➡ U056075 t A	4 Conrod
6	4115C362	➡ U056075 t B	4 Conrod
6	4115C363	➡ U056075 t C	4 Conrod
6	4115C364	➡ U056075 t D	4 Conrod
6	4115C365	➡ U056075 t E	4 Conrod
6	4115C366	➡ U056075 t F	4 Conrod
7		! 6 ➡ Ref.n.6	1 Conrod
8	3112A005	! 6 T-A 14:0	1 Bush
9	3212V003	! 6 ➡ U056074 t	2 Screw
9	T400001	! 6 ➡ U056075 t	2 Screw

- ! This is a component of an assembly
- ➡ From serial or engine number
- ➡ Up to serial or engine number
- ➡ Not serviced, order

Engine

C-MAX RPS Tier 3 (2008- ) - RS24 - 110

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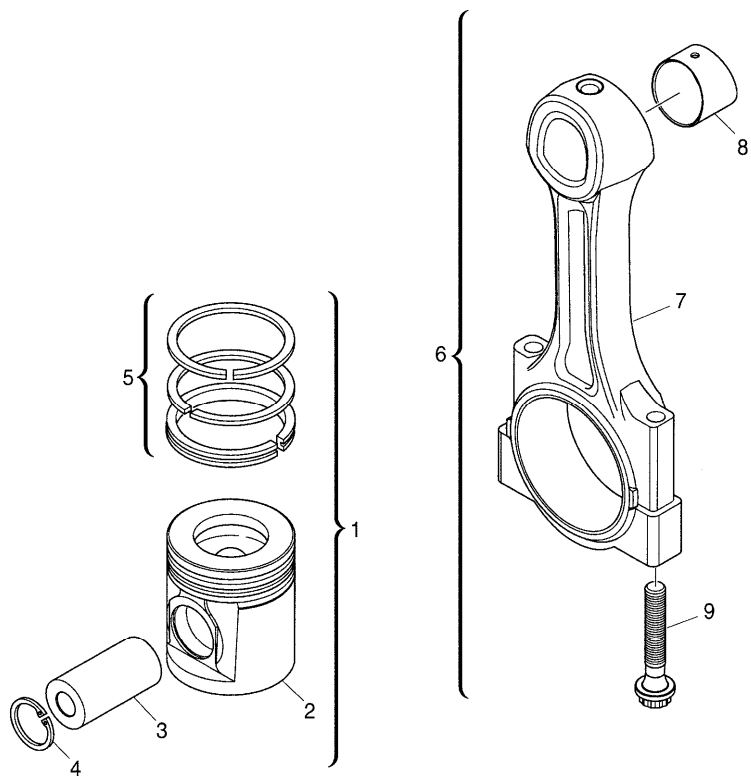
A-05  
05



A0505

Pistons and connecting rods

- (X) Qty per tractors sold (aa.bbb.ccc.ddd) (aa) for 1,(bbb) 2-10 (ccc) 11-25 (ddd) 26-50
- T-A Replacement
- A Red
- B Orange
- C White
- D Green
- E Purple
- F Blue



Engine

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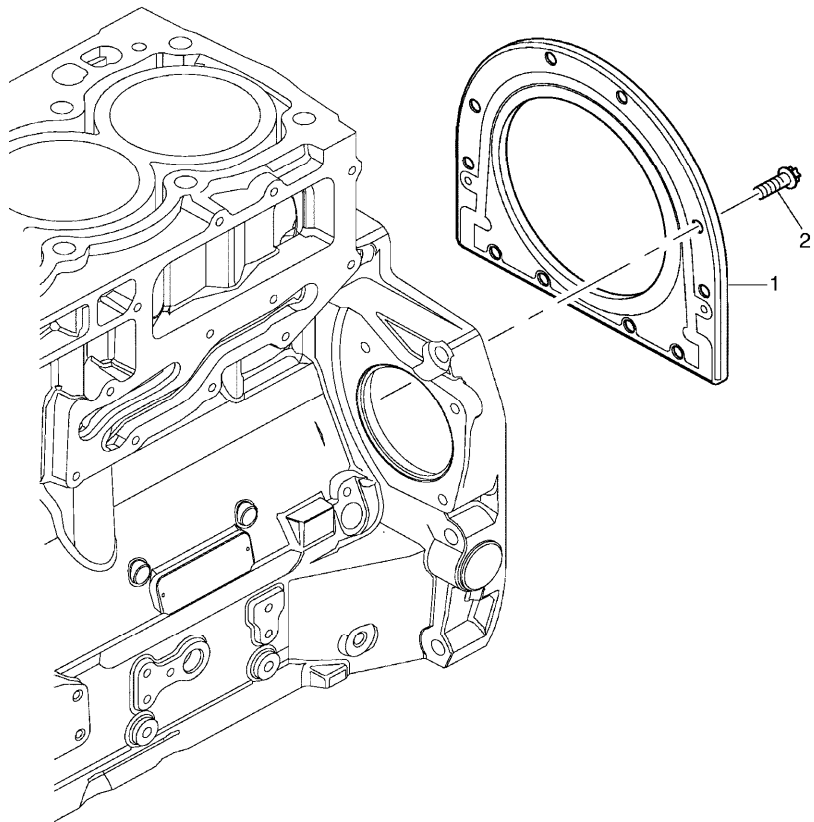
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A-05  
06



A0506

End cover



1 2418F704 T-A 9:0

2 3211C002

T-A Replacement

Inglese

1 Housing

10 Screw

Engine

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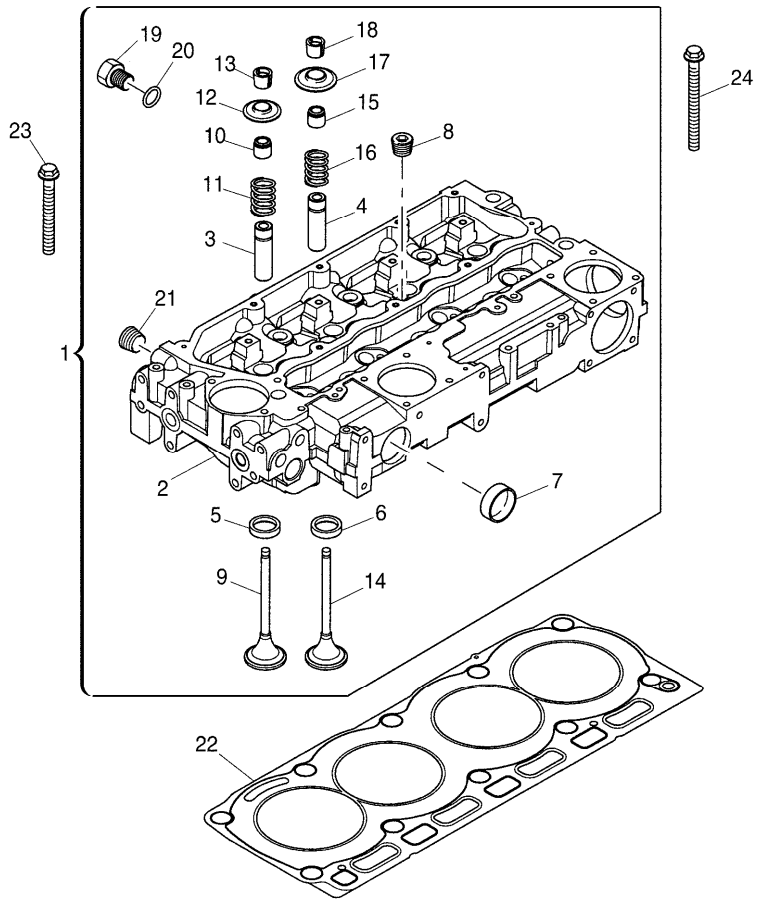
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**A-05  
07**



A0507

Cylinder head



		Inglese	
1	ZZ80280	1	Cylinder head
2		!	1 Kit
		➡	Ref.n.1
3	3313A012	!	4 Insert
4	3313A012	!	4 Insert
5	3314A221	!	4 Insert
6	3314A231	!	4 Insert
7	32416117	!	2 Plug
8	0650588	!	4 Plug
9	3142H101	!	4 Valve
10	2418M519	!	4 Ring
	A		
11	3174A031	!	4 Spring
	●		T417479(4)
12	3342A021	!	4 Coperch.
13	2714A002	!	8 Collar
14	3142A171	!	4 Valve
15	2418M517	!	4 Ring
	B		
16	3174A031	!	4 Spring
	●		T417479(4)
17	3342A021	!	4 Coperch.
18	2714A002	!	8 Collar
19	3278A006	!	1 Plug
20	2415H003	!	1 Ring

Engine

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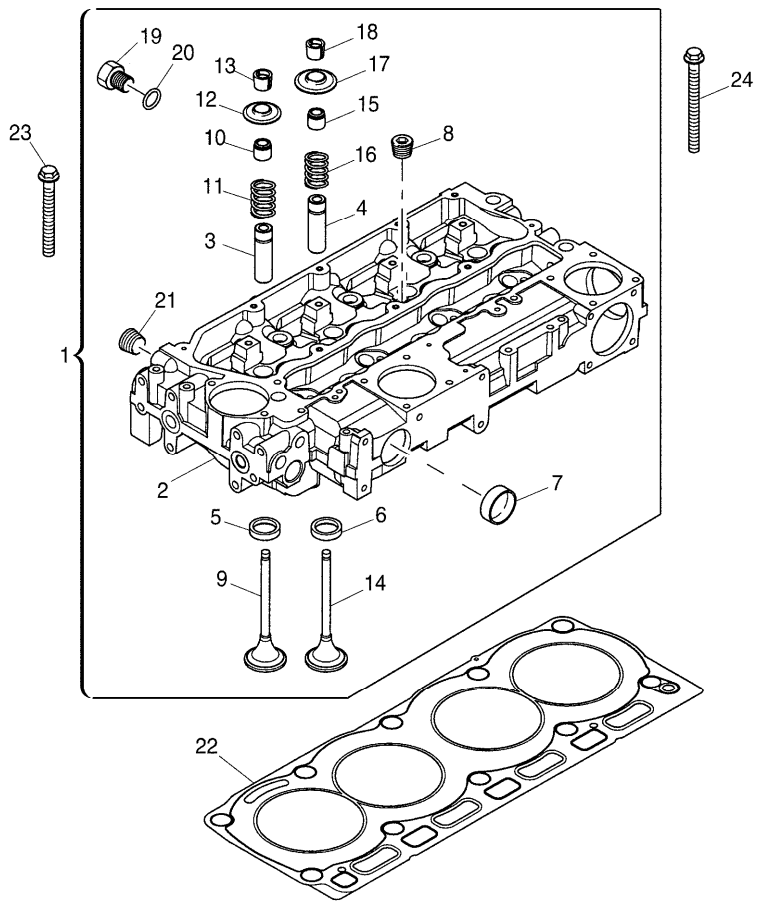
A-05  
07



A0507

Cylinder head

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21 2431154 ! 1

22 3681E051

23 3218A011

24 3218A012

! This is a component of an assembly

Not serviced, order

Replacement

A Green

B Brown

Inglese

2 Plug

1 Gasket

7 Screw

3 Screw

Engine

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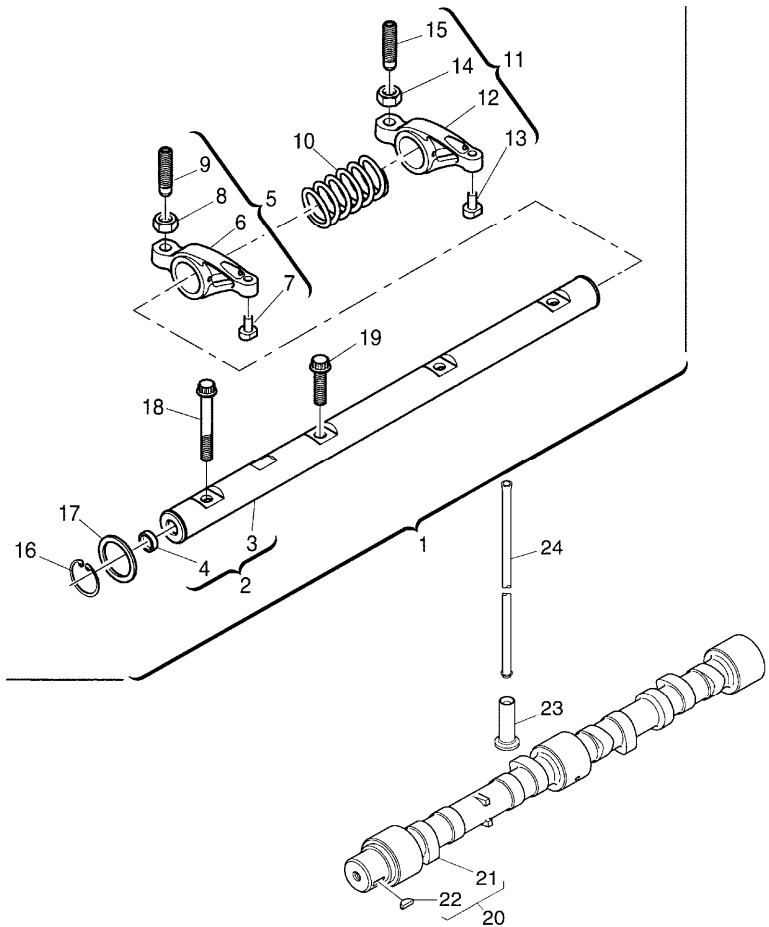
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A-05  
08



A0508

Rocker shaft



		Inglese
1	4115R613	1 Axle
2	4115R703	1 Shaft
	T-A 4:0	
3		1 Axle
	➡ Ref.n.2	
4	2485A104	2 Plug
5	4115R319	4 Lever
6		1 Rocker
	➡ Ref.n.5	
7		1 Pad
	➡ Ref.n.5	
8	3331A006	1 Nut
9	3211C004	1 Screw
10	3174A015	3 Spring
	T-A 4:0	
11	4115R318	4 Lever
12		1 Rocker
	➡ Ref.n.11	
13		1 Pad
	➡ Ref.n.11	
14	3331A006	1 Nut
15	3211C004	1 Screw
16	2722A022	2 Ring
17	2134A502	2 Washer
18	2316A901	1 Screw

Engine

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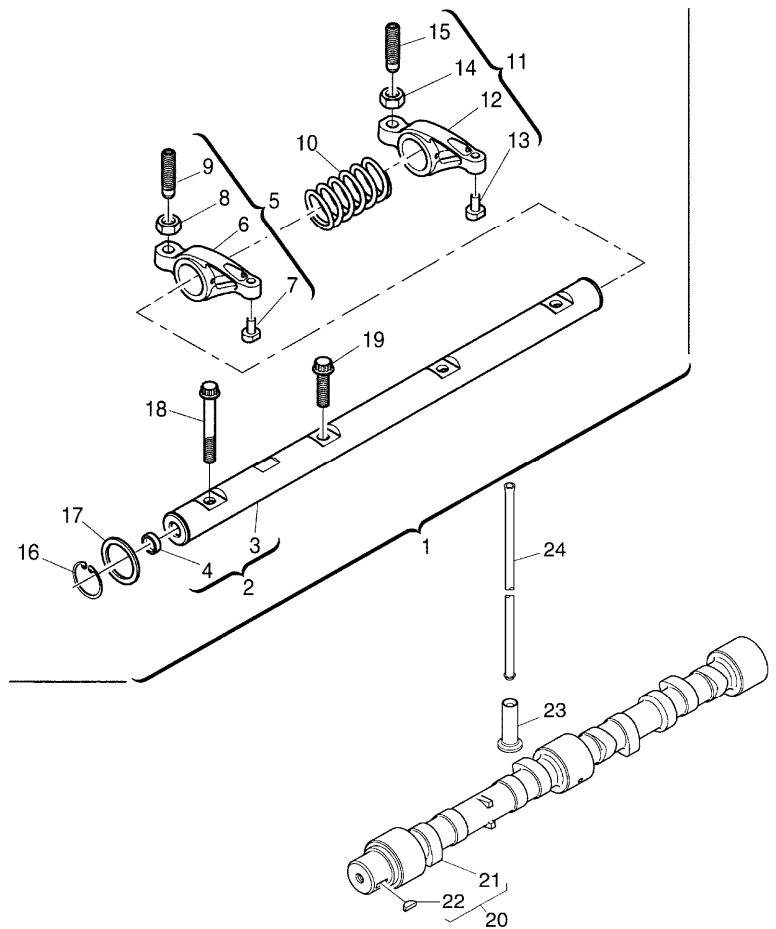
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A-05  
08



A0508

Rocker shaft



Inglese

19	2316A902	!	1	3	Screw
20	4112K076	●	4112K078(1)	1	Shaft
21		!	20	1	Shaft
		➡	Ref.n.20		
22	0500012	!	20	1	Key
23	3142U061			8	Tappet
24	3142V011			8	Rod
	!	This is a component of an assembly			
	➡	Not serviced, order			
	●	Replacement			
	T-A	Replacement			

Engine

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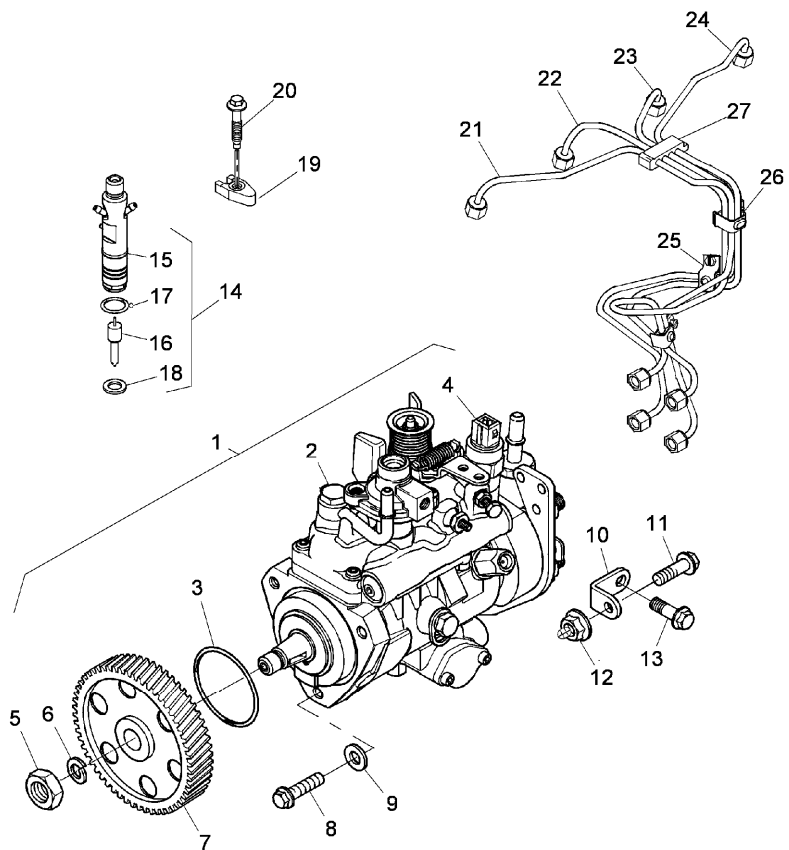
A-05  
09



A0509

Fuel injection equipment (diesel)

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		Inglese
1	2644C347/22	1 Pump
2	! 1	1 Pump
	➡ Ref.n.1	
3	26420318 ! 1	1 Ring
	T-A 4:50	
4	26420469 ! 1	1 Solenoid
	12v	
	(X) 1.2.5.	
	T-A 0:25	
5	2318A108 ! 1	1 Nut
6	K134AF01 ! 1	1 Washer
7	3117L261	1 Gear
8	2314H004	3 Screw
9	2411D008	3 Washer
10	3641A007	1 Stirrup
11	2314H003	1 Screw
12	2318A603	1 Nut
13	2314J002	1 Screw
14	2645K025	4 Nozzle
15	! 14	1 Support
	➡ Ref.n.14	
16	! 14	1 Nozzle
	➡ Ref.n.14	
17	26460064 ! 14	1 Ring
18	L311FF02 ! 14	1 Washer

Engine

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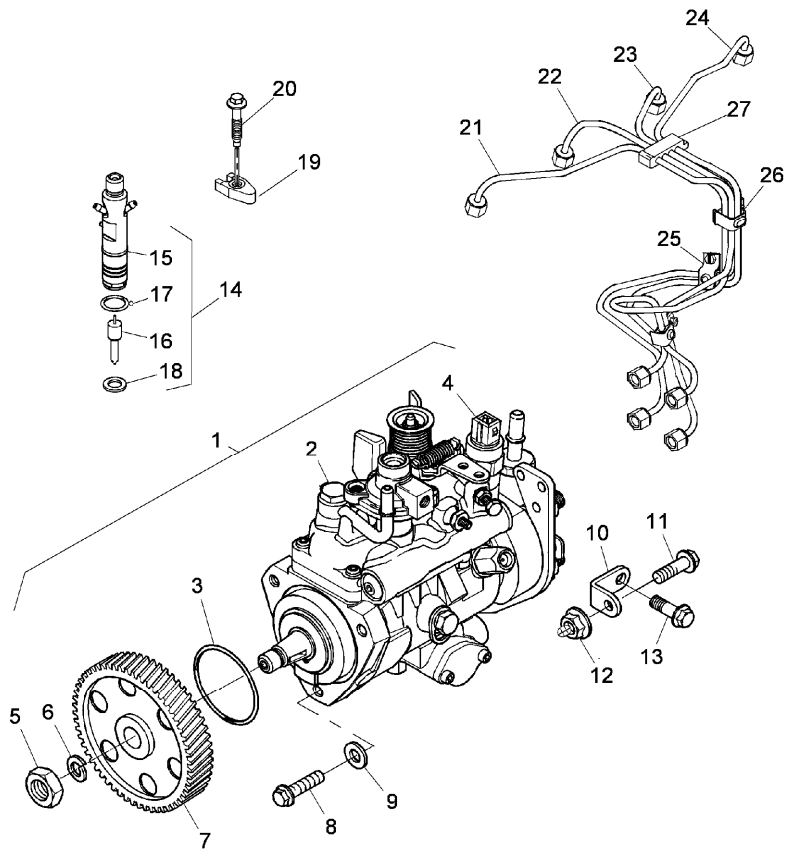
A-05  
09



A0509

Fuel injection equipment (diesel)

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- 19 3751A241
- 20 2314W009
- 21 3525A101
- 22 3525A102
- 23 3525A103
- 24 3525A104
- 25 2481Y011
- 26 2481Y012
- 27 2646E019

Inglese

- 4 Clamp
- 4 Screw
- 1 Pipe
- 1 Pipe
- 1 Pipe
- 1 Pipe
- 2 Clip
- 1 Clip
- 1 Clip

! This is a component of an assembly

Not serviced, order

(X) Qty per tractors sold (aa.bbb.ccc.ddd) (aa) for 1,(bbb) 2-10 (ccc) 11-25 (ddd) 26-50

T-A Replacement

Engine

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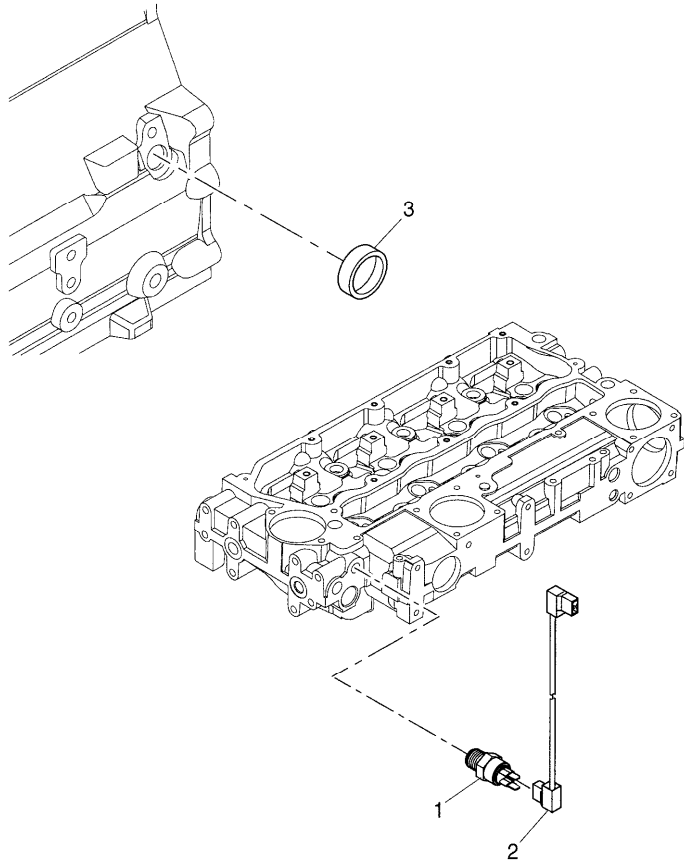
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A-05  
10



A0510

Sensor pickup



- 1 2848A123 A
- 2 3161C017
- 3 2485A109
- A Water temperature

Inglese

- 1 Sensor
- 1 Cable
- 1 Plug

Engine

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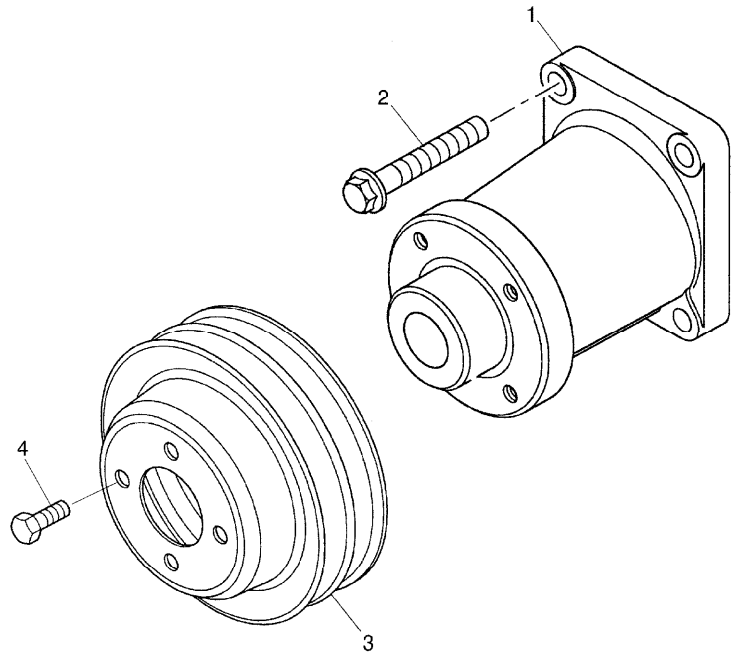
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**A-05**  
**11**



A0511

Fan-type pulley



- 1 4113K005 T-A 1:75
  - 2 2314J005
  - 3 3115C161
  - 4 2314C044
- T-A Replacement

**Inglese**

- 1 Housing
- 4 Screw
- 1 Pulley
- 4 Screw

Engine

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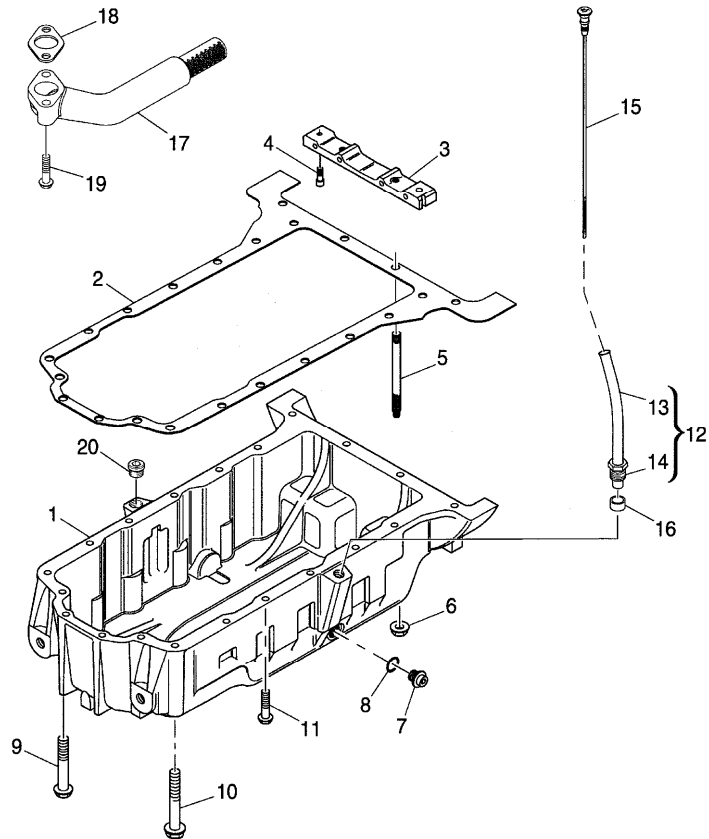
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A-05  
12



A0512

Lubricating oil sump



1	3717E271			
2	3681K036	(X)	1.2.5.	
		T-A	1:50	
3	3627P041	T-A	1:50	
4	2311D039			
5	3211P013			
6	2318A603			
7	32186405	T-A	0:25	
8	2415715	T-A	0:25	
9	2314H023			
10	2314H022	●	2314H052(1)	
11	2314H015			
12	3577A125	T-A	0:25	
13		!	12	
		▶	Ref.n.12	
14	3353D005	!	12	
15	3178C081	T-A	0:25	
16	33812116			
17	3765A091	T-A	1:75	
18	36832137	T-A	1:75	
19	2314H006			
20	2431A016			

Inglese

1	Crankcase
1	Gasket
1	Crosspiece
2	Screw
2	Stud
2	Nut
2	Plug
2	Ring
5	Screw
1	Screw
12	Screw
1	Pipe
1	Pipe
1	Nut
1	Rod
1	Olive
1	Pipe
1	Gasket
2	Screw
1	Plug

- ! This is a component of an assembly
- ▶ Not serviced, order
- Replacement

Engine

C-MAX RPS Tier 3 (2008- ) - RS24 - 110

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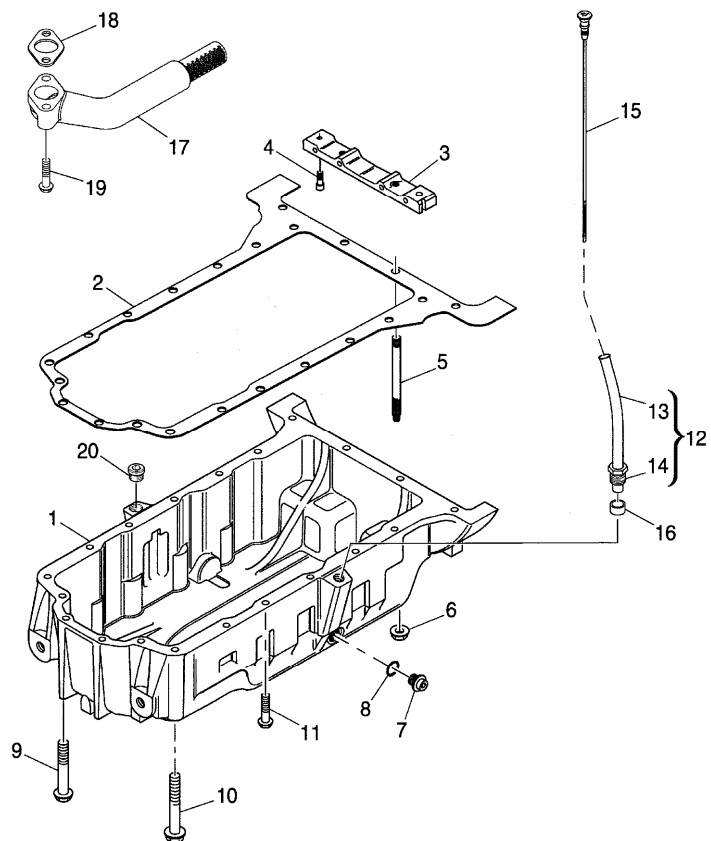


A0512

Lubricating oil sump

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(X) Qty per tractors sold (aa.bbb.ccc.ddd) (aa) for 1,(bbb) 2-10 (ccc) 11-25 (ddd) 26-50  
T-A Replacement



Engine

C-MAX RPS Tier 3 (2008- ) - RS24 - 110

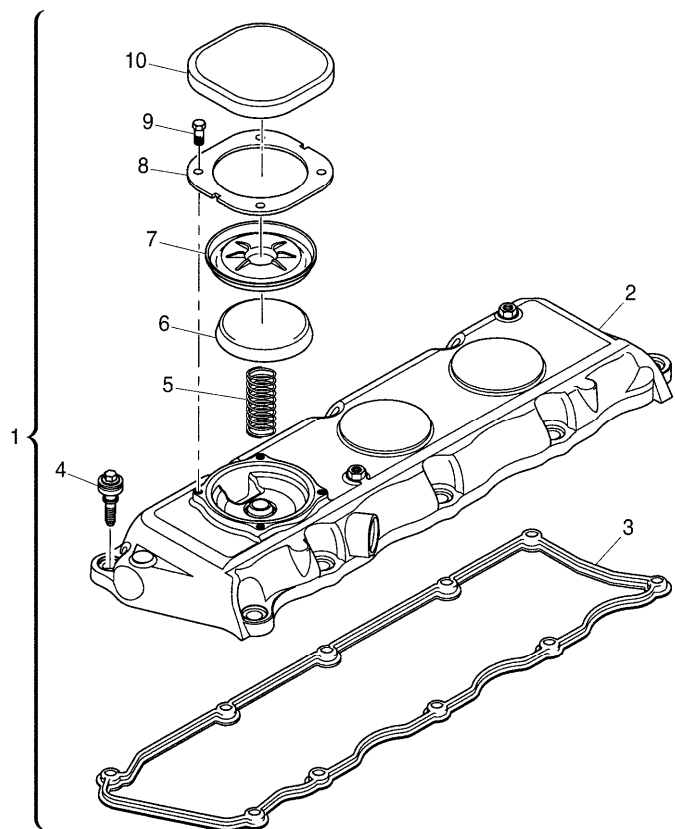
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A-05  
13



A0513

Cylinder head cover



		Inglese	
1	4142X325	● T417478(1)	1 Coperch.
2		! 1	1 Cover
3	3681A055	▣ Ref.n.1	1 Gasket
		(X) 1.2.5.	
		T-A 1:0	
4	2161A013	! 1	10 Screw
5	3174A017	! 1	1 Spring
		T-A 0:25	
6	3788A002	! 1	1 Cap
		T-A 0:25	
7	3789A001	! 1	1 Diaphragm
		T-A 0:25	
8	3615A009	! 1	1 Plate
		T-A 0:25	
9	2151A001	! 1	4 Screw
10	3788A003	! 1	1 Cap
		T-A 0:25	
	!	This is a component of an assembly	
	▣	Not serviced, order	
	●	Replacement	
	(X)	Qty per tractors sold (aa.bbb.ccc.ddd) (aa) for 1,(bbb) 2-10 (ccc) 11-25 (ddd) 26-50	
	T-A	Replacement	

Engine

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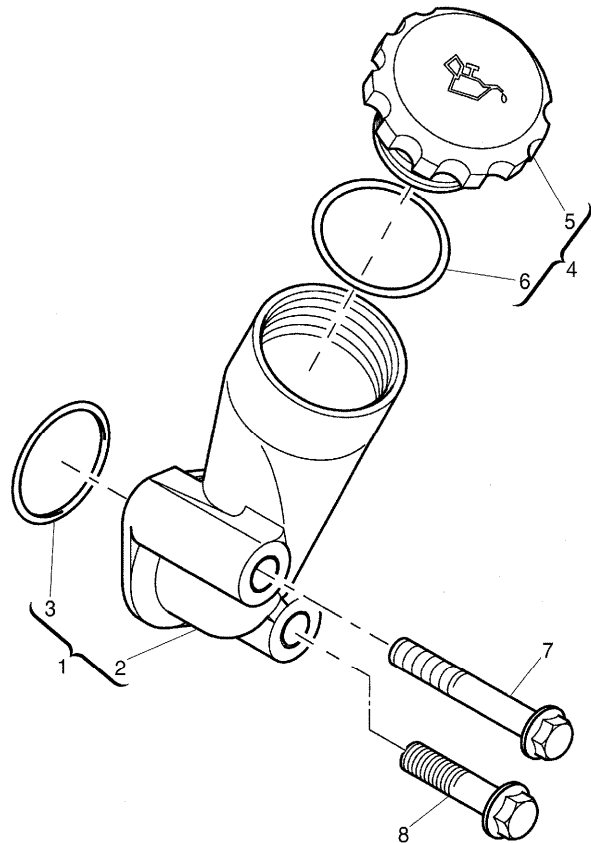
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A-05  
14



A0514

Filler



				Inglese
1	4134C073	T-A	0:25	1 Filler
2		!	1	1 Body
		➡	Ref.n.1	
3	2415H651	!	1	1 Ring
		T-A	0:25	
4	4142X098	!	1	1 Plug
		T-A	0:25	
5		!	4	1 Plug
		➡	Ref.n.4	
6	2415633	!	4	1 O ring
		T-A	0:25	
7	2314K161			1 Screw
8	2314H008			1 Screw
!	This is a component of an assembly			
➡	Not serviced, order			
T-A	Replacement			

Engine

C-MAX RPS Tier 3 (2008- ) - RS24 - 110

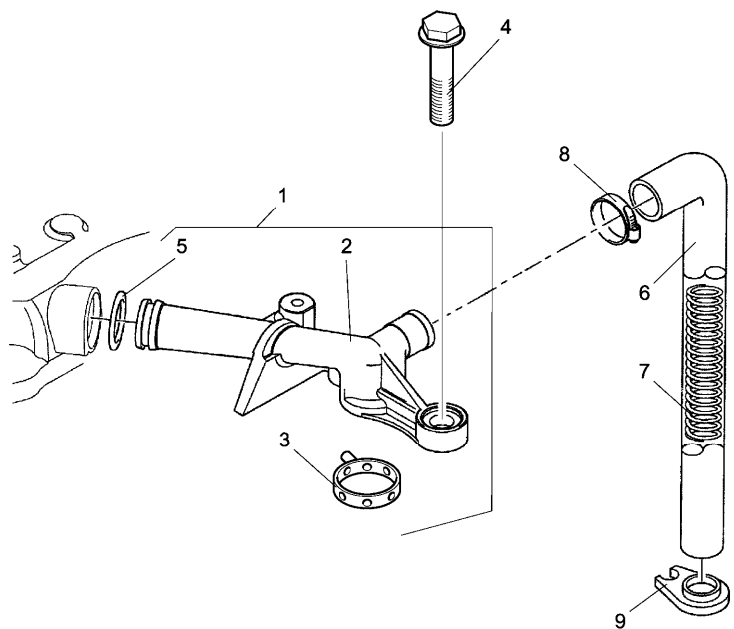
RS24\000014130.png

A-05  
15



A0515

Breather



- 1 4134K022
  - 2 ! 1
  - 3 2415H701 ! 1
  - 4 2314F005
  - 5 2415A068 ! 1
  - 6 33872632 T-A 0:50
  - 7 3175P003 T-A 0:25
  - 8 2481877
  - 9 36241123 T-A 0:25
- ! This is a component of an assembly  
 Not serviced, order  
 T-A Replacement

Inglese

- 1 Pipe
- 1 Pipe
- 1 Ring
- 2 Screw
- 1 Ring
- 1 Pipe
- 1 Nut
- 1 Clamp
- 1 Support



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Engine

C-MAX RPS Tier 3 (2008- ) - RS24 - 110

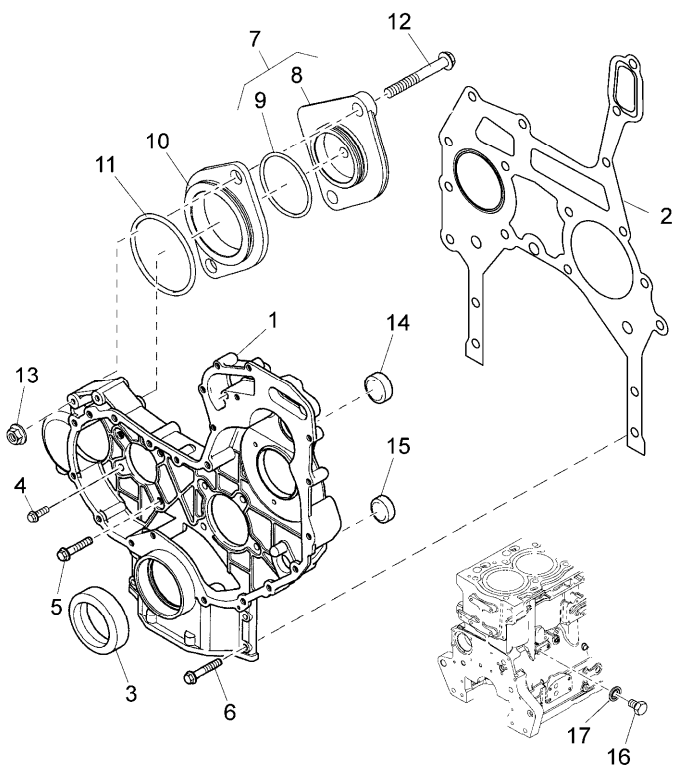
**A-05  
16**



A0516

Gasket sets

RS24\000015081.png



		Inglese
1	3716C581	1 Housing
2	3681P053	1 Gasket
3	2418F437	1 Seal
4	2314H003	6 Screw
5	2314H006	2 Screw
6	2314H034	4 Screw
7	4148K012	1 Plate
8	!	7
	➡	Ref.n.7
9	2415H515	1 Ring
10	3617A021	1 Disc
11	2415H516	1 O ring
12	2314J014	2 Screw
13	2318A604	2 Nut
14	2485A124	1 Plug
15	2485A124	1 Plug
16	2314C049	1 Screw
17	2415D053	1 Washer
!	This is a component of an assembly	
➡	Not serviced, order	
T-A	Replacement	

Engine

C-MAX RPS Tier 3 (2008- ) - RS24 - 110

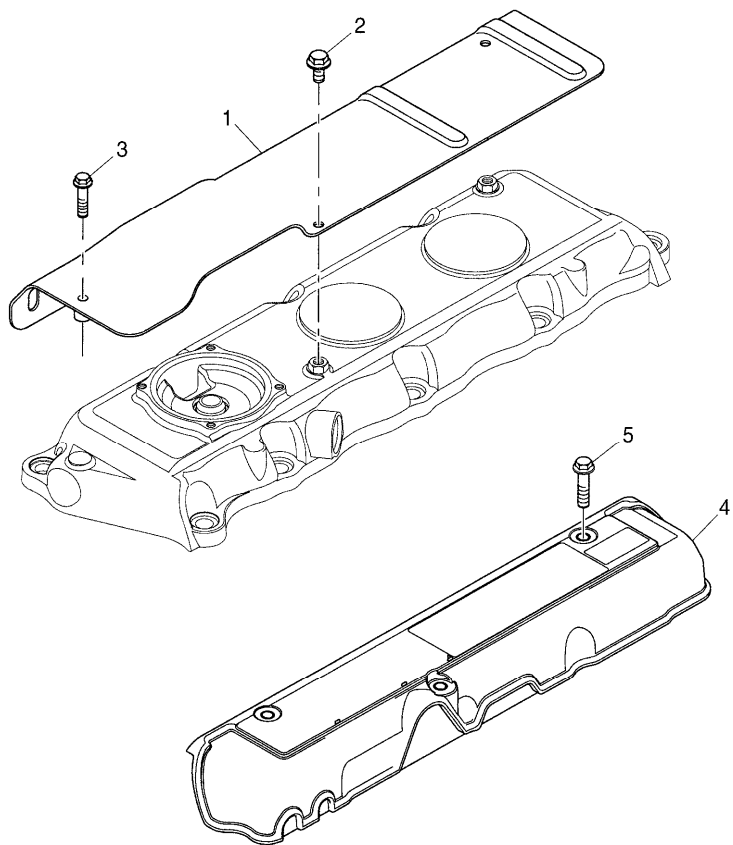
A-05  
17



A0517

Cylinder head cover

RS24\000020537.png



- 1 3812A026 T-A 0:25
  - 2 2314F001
  - 3 2314F006
  - 4 3788N003
  - 5 2314F003
- T-A Replacement

Inglese

- 1 Heatshield
- 2 Screw
- 1 Screw
- 1 Cover
- 3 Screw

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